



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10

Applicants: Eliezer Pasternak

Serial No: 09/528,111

Group Art Unit: Unknown

Filed: March 17, 2000

Examiner: Unknown

Title: SIGNAL COMMUNICATIONS SYSTEM AND METHOD FOR NOISY LINKS

\* \* \*

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

**Verified Statement Claiming Small Entity Status**

Title: SIGNAL COMMUNICATIONS SYSTEM AND METHOD FOR NOISY LINKS  
In the name of: BRIDGEWAVE COMMUNICATIONS, INC.  
described in

- ☐ the specification filed herewith  
☒ application serial no. 09/528,111 filed March 17, 2000  
☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_.

**Small Business Concern Statement**

I hereby declare that I am

☐ the owner of the small business concern identified below:

☒ an official of the small business concern empowered to act on behalf of the concern identified below:

Name of Concern: BRIDGEWAVE COMMUNICATIONS INC.

Address of Concern: 249 Humboldt Court  
Sunnyvale, CA 94043

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d) for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time, or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third-party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention identified above.



the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e):

**Organization Identification**

☒ no such person, concern, or organization

**Acknowledgment and Declaration**

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.78(b))

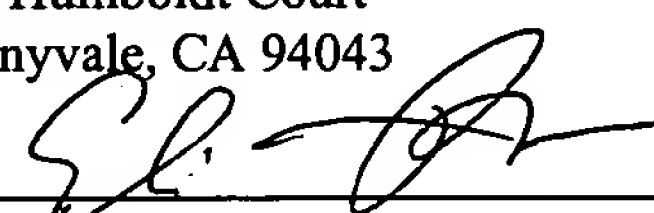
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Name of Person Signing Eliezer Pasternak

Title of Person Signing Senior VP and Chief Technical Officer

Concern's Name BRIDGEWAVE COMMUNICATIONS, INC.

Address of Concern: 249 Humboldt Court  
Sunnyvale, CA 94043

Signature of Person Signing 

Date: 7/24/00



## DECLARATION AND POWER OF ATTORNEY

### DECLARATION:

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe, I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### SIGNAL COMMUNICATIONS SYSTEM AND METHOD FOR NOISY LINKS

the specification of which (check only one item below):

☐ is attached hereto.

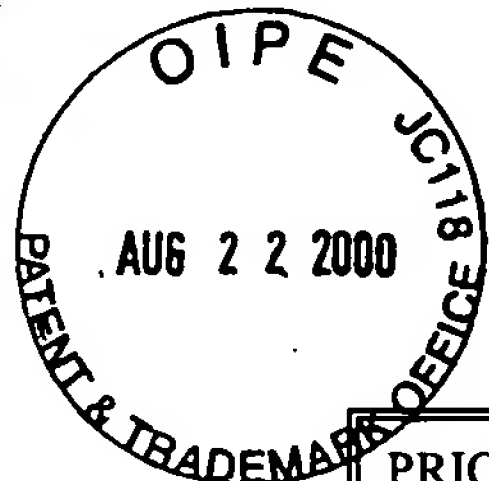
☒ was filed as United States Application  
Serial No. 09/528,111 on March 17, 2000.  
and was amended on \_\_\_\_\_ (if applicable).

☐ was filed as PCT international application  
Number \_\_\_\_\_ on \_\_\_\_\_  
and was amended under PCT Article 19  
on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed:



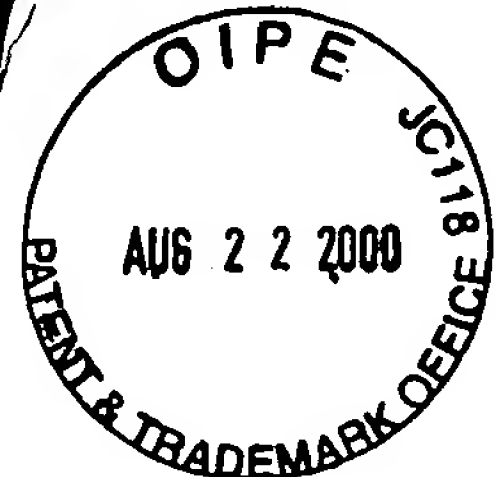
## PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

Country (If PCT, indicate PCT)	Application Number	Date Filed	Priority Claimed (Yes/No)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

## PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS			STATUS (check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE		PATENTED	PENDING	ABANDONED
PCT APPLICATIONS DESIGNATING THE U.S.					
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			

**POWER OF ATTORNEY:**

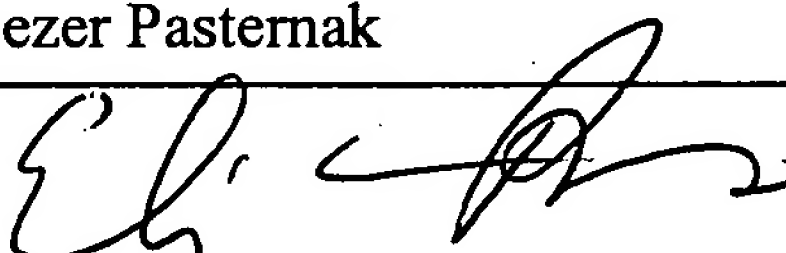
As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) with full power of substitution to act exclusively to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Barry N. Young (Reg. No. 27,774); Timothy W. Lohse (Reg. No. 35,255); David F. Keinsmith (Reg. No. 40,050); Stephen E. Reiter (Reg. No. 31,192); Wayne P. Sobon (Reg. No. 32,438); Robroy R. Fawcett (Reg. No. 35,133); Steven R. Sprinkle (Reg. No. 40,825); William N. Hulsey III (Reg. No. 33,402); Terrance A. Meador (Reg. No. 30,298); John Schlicher (Reg. No. 28,343); June M. Learn (Reg. No. 31,238); John Oskorep (Reg. No. 41,234); Timothy N. Ellis (Reg. No. 41,734); David R. Stevens (Reg. No. 38,626); William G. Goldman (Reg. No. 42,590); Derek Westberg (Reg. No. 40,872)

All correspondence should be addressed to:

Timothy W. Lohse  
GRAY CARY WARE & FREIDENRICH  
Attn: Patent Department  
3340 Hillview Avenue  
Palo Alto, CA 94304

All telephone calls should be directed to Timothy W. Lohse, telephone number (650) 320-7426.

Inventor's Full Name:	Eliezer Pasternak
Inventor's Signature:	
Date:	7/24/00
Residence: (City, State and/or country)	Palo Alto, CA
Citizenship:	U.S.
Post Office Address:	3445 Louis Rd., Palo Alto CA 94303



Attorney Docket No. BRIDGE-1110

Inventor's Full Name:	Ladd El Wardani
Inventor's Signature:	<i>Ladd El Wardani</i>
Date:	7/24/00
Residence: (City, State and/or country)	La Jolla, CA
Citizenship:	US
Post Office Address:	6416 La Jolla Scenic Dr. South La Jolla, CA 92037